

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	(barcode or "bar code") with spacing with (element or module or bar) same server	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 13:40
S2	125	(barcode or "bar code") with spacing with (element or module or bar) same (read\$4 or scan\$4) same decod\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 13:41
S3	65	S2 and "235"/\$.ccls. and (portable or handheld)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 13:49
S4	52	"235"/\$.ccls. and (portable or handheld) with (phone or telephone) with (barcode or "bar code") with (read\$4 or decod\$4 or scan\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:00
S5	45	"235"/\$.ccls. and (barcode or "bar code") with compar\$4 with (first) with second with signal and (noise or interference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:02
S6	0	"235"/\$.ccls. and (barcode or "bar code") with compar\$4 with (first) with second with signal with "AND" and (noise or interference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:02
S7	0	"235"/\$.ccls. and (barcode or "bar code") with (bombin\$5 or join\$3 or compar\$4) with (first) with second with signal with "AND" and (noise or interference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:02
S8	0	"235"/\$.ccls. and (barcode or "bar code") with (combin\$5 or join\$3 or compar\$4) with (first) with second with signal with "AND" and (noise or interference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:02
S9	1	(barcode or "bar code") with (bombin\$5 or join\$3 or compar\$4) with (first) with second with signal with "AND" and (noise or interference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:03
S10	2	(telephone or phone) with (barcode or "bar code") same (read\$4 or scan\$4 or decod\$4) same (spacing) with (element or module or component or bar)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:05
S11	2	(telephone or phone) with (barcode or "bar code") with (read\$4 or scan\$4 or decod\$4) same (spacing) with (element or module or component or bar)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:04

## EAST Search History

S12	1	"20020065728".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:09
S13	177	"235"/\$.ccls. and autodiscrimination	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:09
S14	0	"235"/\$.ccls. and autodiscrimination with (barcode or "bar code") with spacing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:09
S15	2	"235"/\$.ccls. and autodiscrimination with (barcode or "bar code") with spac\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:10
S16	11	"235"/\$.ccls. and (barcode or "bar code") with spac\$3 with threshold with (edge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:14
S17	109	"235"/\$.ccls. and (barcode or "bar code") with spac\$3 with between with element	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:14
S18	62	"235"/\$.ccls. and (barcode or "bar code") with spac\$3 with between near3 element	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:22
S19	258	"235"/\$.ccls. and (barcode or "bar code") with edge near3 detect\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:23
S20	29	"235"/\$.ccls. and (barcode or "bar code") with edge near3 detect\$4 with (larger or threshold)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:24
S21	21	"235"/\$.ccls. and (barcode or "bar code") with edge near3 detect\$4 with (start or finish or end)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 14:25
S22	38	"235"/\$.ccls. and (barcode or "bar code") with edge near3 detect\$4 with (start or finish or end or leading)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 17:04
S23	100	"235"/\$.ccls. and (barcode or "bar code") with edge near3 (trailing or finish or end)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 17:05
S24	25	"235"/\$.ccls. and (barcode or "bar code") with edge near3 (trailing or finish or end) with (width or spac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 17:05
S25	5	(barcode or "bar code") with "dead space"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 17:17
S26	1	"20020065728".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:50

## EAST Search History

S27	20	(barcode or "bar code") with threshold with space same edge	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:55
S28	272	spac\$3 near3 (between or before) near2 (barcode or "bar code")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:56
S29	190	S28 and "235"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:56
S30	93	S29 and threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:59
S31	0	captur\$3 with image near3 (barcode or "bar code") with cut\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:59
S32	0	captur\$3 with image near3 (barcode or "bar code") with threhold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 18:59
S33	4	captur\$3 with image near3 (barcode or "bar code") with threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 19:01
S34	174	detect\$4 with start with end with (barcode or "bar code")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 19:02
S35	74092	S34 adn "235"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 19:02
S36	128	S34 and "235"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 19:12
S37	55	detect\$3 near3 start near3 (barcode or "bar code")and "235"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 19:22
S38	0	image with (barcode or "bar code") with margin with spac\$3 with threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 19:23
S39	13	image with (barcode or "bar code") with spac\$3 with threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:00
S40	0	image with (barcode or "bar code") same "dead space"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:04
S41	0	image with (barcode or "bar code") same "deadspace"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:04

## EAST Search History

S42	0	(barcode or "bar code") same "deadspace"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:04
S43	29	(barcode or "bar code") same "dead space"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:09
S44	148	(barcode or "bar code") with image with crop\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:12
S45	12	09/877,581	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:19
S46	0	(barcode or "bar code") with image with crop\$4 with (before with after)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:19
S47	1	(barcode or "bar code") with image with crop\$4 same (portable or handheld)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:20
S48	113	(barcode or "bar code") with image with crop\$4 same (send\$3 or transfer\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:21
S49	0	(barcode or "bar code") with image with crop\$4 same (send\$3 or transfer\$4) same (portable or handheld or phone or telephone or pda)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:26
S50	40	(barcode or "bar code") with image same first near3 (bar or space or element) with detect\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:32
S51	4	(barcode or "bar code") with image same spac\$4 with (more or exceed\$4 or greater\$4) with (threshold or predetermined)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/31 22:55
S52	28	(barcode or "bar code") with image same spac\$4 with (edge or boundaries or boundary) same (threshold or predetermined\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/01 00:26